

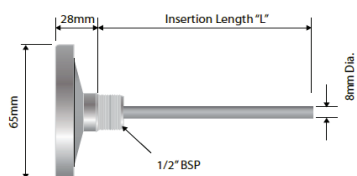
Our BL1 *Bimetallic Thermometers* are designed for **accurate** temperature measurement with a **reliable, robust** design and built for **industrial** purposes.

General Specification

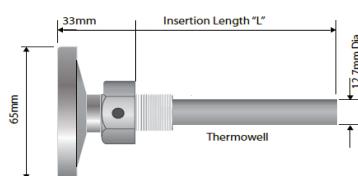
Nominal Size:	65 mm
Case & Bezel:	304 SS
Dial:	Non-ferrous metal clearly marked to BS3693
Window:	Safety Glass or Acrylic (Perspex)
Mounting:	Coaxial
Stem Diameter:	8 mm
Stem Material:	316 SS
Accuracy:	Class 1.0 ($\pm 1.0\%$ FSD)
Over Range Protection:	1.3 x FSD (130%)
Weight:	0.5 kg. / 1 kg. for model BL102
Models:	BL101: 1/2" BSP Boss BL102: 1/2" BSP Thermowell BL103: Plain stem BL104: 3/8" BSP with rubber seal and back-nut fitting BL105: Flange fitting



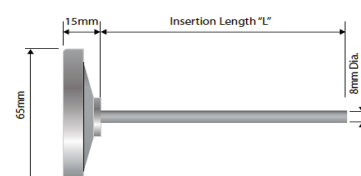
BL101 Model



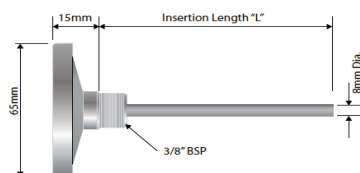
BL101 Model



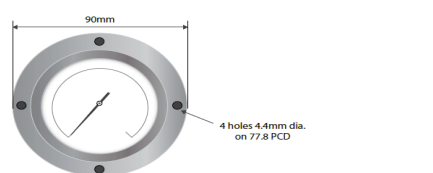
BL102 Model



BL103 Model



BL104 Model



BL105 Model

Main Applications

A **world leader** in temperature gauges, Rototherm has become the standard for accurate and reliable measurement across the following industries:



Food Industry, Dairies & Breweries



Ovens, Dryers & Tanks



On/Offshore Environments



Chemical, Petrochemical & Pharmaceutical



Plant Construction

Ordering Information

BL1 Bimetallic Thermometer	STANDARD →	BL101	G	C3	0075	-	-	-
Model	BL101 (with 1/2" BSP Boss)	BL101						
	BL102 (with Thermowell)	BL102						
	BL103 (Plain Stem)	BL103						
	BL104 (Backnut Fitting with 3/8" Boss)	BL104						
	BL105 (Flange Fitting)	BL105						
Window	Safety Glass		G					
	Acrylic (Perspex)		P					
Temperature Range	-30 TO 60 C			C1				
	0 TO 100 C			C3				
	10 TO 120 C			C5				
	0 TO 160 C			C6				
	0 TO 200 C			C7				
	50 TO 250 C			C8				
	0 TO 300 C			C9				
	100 TO 300 C			C10				
	0 TO 400 C			C11				
	100 TO 550 C			C12				
	-30 TO 60 C & F			D1				
	0 TO 100 C & F			D3				
	10 TO 120 C & F			D5				
	0 TO 160 C & F			D6				
	0 TO 200 C & F			D7				
	50 TO 250 C & F			D8				
	0 TO 400 C & F			D11				
100 TO 550 C & F			D12					
	<i>(For non-standard ranges, please contact us)</i>							
Immersion Length	Specify in mm. (min. 40 mm to max. 1000 mm)				0075			
If Thermowell required (model BL102 only) continue here...								
Thermowell Type	Fabricated in Stainless Steel to suit Thermometer					FS		
	Solid in Stainless Steel to suit Thermometer					SS		
Parts	Standard Parts						S	
	Non-Aluminium Parts (Underground Use)						U	
If Compression Gland required (model BL103 only) continue here...								
Gland Type	1/2" BSP							B
	3/4" BSP							C
	1/2" NPT							F
	3/4" NPT							G

For any other options, please contact us sales@rototherm.co.uk or +44 (0)1656 740551

Technical Certification

- Certificate of conformity
- Factory Test Certificate
- Factory Calibration Certificate (3 point)
- Factory Calibration Certificate (5 point)

Calibration and After-Sales Support

- Fully trained field service personnel
- Use of UKAS certified calibration equipment
- 5 day turnaround
- Fixed pricing
- Approved manufacturer parts
- Full post-service reports
- 12 month warranty



ISO9001:2015
FM11958

Export Documentation

- Certificate of Origin
- EUR1
- ATR



For more information, please contact our service team
services@rototherm.co.uk